## **INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US04/33591

A. CLASSIFICATION OF SUBJECT MATTER  IPC(7): B24B 1/00; B24D 17/00, 11/00; B32B 27/00  US CL: 451/56, 526, 532; 428/423.1  According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.:			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
X, P	US 6,641,471 B1 (PINHEIRO et al) 4 November 2003 (04.11.2003), column 4, lines 35-68.		1-3
Ÿ			5-20
Y, E	US 20040248508 A1 (LOMBARDO et al) 09 December 2004 (09.12.04), page 1, paragraphs 0011-0012.		5-20
Y, E	US 200400226918 A1 (LEE et al) 18 November 2004 (18.09.2004), page 2, paragraphs 0021-0022.		5-20
Y	US 20030100250 A1 (WEST, JR) 29 May 2003 (29.05,2003), page 2, paragraphs 0021- 0025.		5-20
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Further documents are listed in the continuation of Box C. See patent family annex.			
Special categories of eited documents:  "I" later document published after the integral of the art which is not considered to be of particular relevance.  "A" later document published after the integral of the art which is not considered to be of particular relevance.		ation but cited to understand the ation	
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<sup>6</sup> O' document	referring to an oral disclosure, uso, cabibition or other means	being obvious to a person skilled in the	
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Date of the actual completion of the international search  Date of mailing of the international search report  March 2005 (15.03.2005)  Date of mailing of the international search report  2 3 MAY 2005			th report
Name and malling address of the ISA/US [Appendrized officer ]			
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